

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent No. : 7,723,248  
App. No. : 10/595,577  
Issue Date : May 25, 2010  
Inventors : Tomoyuki Ueno and Masashi Yoshimura  
Docket No. : 039.0065  
Customer No. : 29453

Honorable Commissioner for Patents  
Office of Patent Publication  
**ATTN: Certificate of Correction Branch**  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Request for Expedited Issuance of Certificate of Correction**  
**Pursuant to 37 C.F.R. § 1.322**

Sir:

In the above-identified patent, Patentee requests that a Certificate of Correction be issued.

The text of Patentee's requested correction is submitted on the accompanying Certificate of Correction form, PTO/SB/44.

It is respectfully submitted that the requested corrections are of errors of consequence to a correct understanding of the present patent—in particular because the errors appear in the issued claims.

Furthermore, it is respectfully asserted that the requested corrections are of errors attributable solely to the Office. This assertion is believed to be unequivocally supported by the attached documentation, which is from the Image File Wrapper for App. No. 10/595,577, the application that issued as the present patent.

Attached as the supporting documentation is:

- A marked copy of the claims from Applicant's amendment, filed September 18, 2009, on the basis of which the instant application was allowed.

Accordingly, as the present request is only for correction of Office, not Applicant, mistakes, and as the accompanying documentation should unequivocally demonstrate that the mistakes are the Office's alone, expedited issuance of a Certificate of Correction is earnestly requested.

Respectfully submitted,

August 23, 2010

/James Judge/

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## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the present application.

### **Listing of Claims:**

#### **Claims 1 through 32 (canceled)**

**Claim 33 (currently amended): A ceramic composite manufacturing method as set forth in claim 10, characterized in that the A method of manufacturing a ceramic composite, the composite characterized in comprising a phase having as its principal component, at a content of 40 to 98 wt.%, a pure carbon allotrope of 30 nm or less average phase size, said carbon being one selected from graphite, amorphous carbon, carbon black, and fullerenes, and the composite characterized in comprising a ceramic phase having an average grain size of 30 nm or less and constituted by a ceramic matrix that excludes pure carbon allotropes, the method characterized in that a powder blend, having an average particle size of 30 nm or less, of a ceramic powder and of a carbon powder is molded, and the obtained molded form is sintered within a non-oxidizing atmosphere at a sintering temperature of 800 to 1500°C and a sintering pressure [[is]] of 1000 MPa or more.**

**Claim 34 (currently amended): A method of manufacturing the ceramic composite as set forth in claim 28, A method of manufacturing a ceramic composite, the ceramic composite characterized in comprising a phase having as its principal component, at a content of 40 to 98 wt.%, a pure carbon allotrope of 30 nm or less average phase size, said carbon being one selected from graphite, amorphous carbon, carbon black, and fullerenes, and the composite characterized in comprising**

a ceramic phase having an average grain size of 30 nm or less and constituted from at least one selected from the group made up of nitrides, carbides, composite nitrides, composite carbides, and carbonitrides of Si, Hf, V, Nb, Ta, Cr, Mo and W,  
the ceramic phase therein constituted by a ceramic matrix that excludes pure carbon allotropes; the method characterized in that a powder blend of a ceramic powder constituting said ceramic phase is molded together with a carbon powder, and the obtained molded form is sintered within a non-oxidizing atmosphere at a sintering temperature of 800 to 1500°C and a sintering pressure of 1000 MPa or more.

**Claims 35 through 37 (canceled)**

**Claim 38 (currently amended):** A ceramic composite ~~as set forth in claim 37,~~ characterized in that the comprising:

a phase having as its principal component, at a content of 40 to 98 wt.%, a pure carbon allotrope consisting[[s]] of graphite of 30 nm or less average phase size; and

a ceramic phase having an average grain size of 30 nm or less and consisting of silicon carbide, the ceramic phase therein constituted by a ceramic matrix that excludes pure carbon allotropes.

**Claims 39 and 40 (canceled)**

**Claim 41 (currently amended):** A ceramic composite ~~as set forth in claim 40,~~ characterized in that the comprising:

a phase having as its principal component, at a content of 40 to 98 wt.%, a pure carbon allotrope consisting[[s]] of graphite of 30 nm or less average phase size; and

a ceramic phase having an average grain size of 30 nm or less and consisting of silicon nitride, the ceramic phase therein constituted by a ceramic matrix that excludes pure carbon allotropes.

**Claim 42 (canceled)**

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

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APPLICATION NO.: 10/595,577

ISSUE DATE : May 25, 2010

INVENTOR(S) : Tomoyuki Ueno, Masashi Yoshimura

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 1, line 9, "carbon" should read --carbon allotropes--.

Claim 1, line 14 (last line), "150000" should read --1500°C--.

Claim 2, line 17 (second-to-last line), "150000" should read --1500°C--.

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

Judge Patent Associates  
Dojima Bldg. 5th Fl., 6-8 Nishitemma 2-chome, Kita-ku  
Osaka-shi 530-0047

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